

What is claimed is:

1. A pneumatic radial tire where a plurality of belt layers are arranged on an outer periphery of a carcass layer, and where a belt reinforcement layer, which is formed of reinforcing cords spirally wound up substantially in a circumferential direction of the tire, is arranged in the vicinity of the belt layers,

wherein, while an overhanging length, by which the belt reinforcement layer overhangs from an end of the maximum-width portion of the belt layers, is set in a range of 5 to 20 mm, an intermediate elongation of reinforcing cords of the belt reinforcement layer under a load of 67 N is set in a range of 1.5 to 5.5 %.

2. The pneumatic radial tire according to claim 1, wherein an outer diameter of the belt reinforcement layer in a tread center portion of the tire is set to be 1.065 to 1.13 times an outer diameter of a terminal of the belt reinforcement layer.

3. The pneumatic radial tire according to any one of claims 1 and 2, wherein an intermediate elongation of the reinforcing cords in a region of the belt reinforcement layer overhanging from the end of the belt layer is set larger than an intermediate elongation of the reinforcing cords in a region thereof overlapping the belt layer.

4. The pneumatic radial tire according to any one of claims 1 to 3, wherein cord-to-cord distances from the belt reinforcement layer respectively to the belt layer and to the carcass layer are set between 0.5 mm and 1.5 mm inclusive in a region between a terminal of the belt reinforcement layer and a position reached by extending an end of a maximum-width portion of the

belt layers inwardly in a widthwise direction of the tire by at least 5% of a maximum width of the belt layers.

5. The pneumatic radial tire according to any one of claims 1 to 4, wherein the belt reinforcement layer is formed by spirally winding up, substantially in the circumferential direction of the tire, a strip material obtained by aligning and rubberizing a plurality of reinforcing cords.